◆Polaroid

User Guide
. . . .
PDC4055 4.2 Megapixel Digital Camera
. . . .

www.polaroid.com

Product Overview

1. Self-timer LED
2. Flash
3. Viewfinder
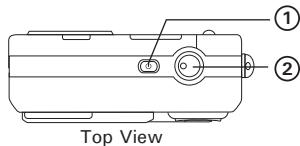4. Lens
5. Wrist strap holder
6. Microphone
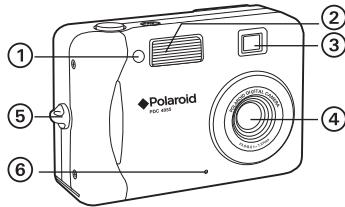
Front View

1. Viewfinder
2. Flash charging LED
3. Power LED
4. LCD screen
5. Display button
6. Menu/Stop button
7. OK/Play/Pause button
8. Zoom out/Thumbnail button
9. Zoom in button
10. Buzzer
11. Flash/Up button
12. Right button
13. Self-timer/Down button
14. Left button
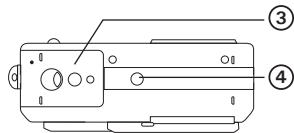15. Capture/Playback mode button
16. Cover for USB port
17. USB port

Back View

PDC 4055 TL UM US Mar17.indd   2   3/20/06, 10:00
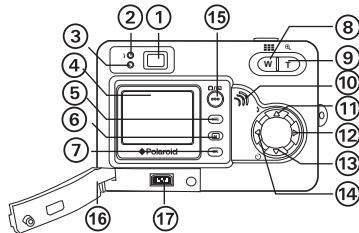
1. Power button
2. Shutter button
3. Battery/SD card door
4. Tripod mount

Top View

Bottom View

1. Normal/Macro mode switch
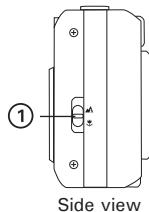
Side view

Table of Contents

Polaroid PDC 4055 Digital Camera User Guide *5*
www.polaroid.com

1 Getting Started

The Polaroid PDC 4055 digital camera has been especially designed for the casual photograph looking for an easy to use, fun point & shoot camera. Powered by a high quality 4.2 mega pixel CCD sensor and equipped with a bright color 1.5 inch color LCD for viewing the images, the PDC 4055 is the perfect digital camera for the entire family. Here are a few examples of how you can use your camera:

Enjoy point & shoot operation. Take digital pictures in your preferable detail, like size, white balance.

Store pictures and video clips to the internal memory or a SD card.

Playback pictures and video clips on the LCD screen or a computer.

Send the pictures and video clips over the Internet to family and friends.

• Camera Package Contents

PDC 4055   Quick Start Guide   Registration Card

PDC 4055 CD-ROM includes
Polaroid PDC 4055 Camera Driver (PC)
Arcsoft PhotoImpression® 5 (PC & Mac),
Adobe® Acrobat® Reader™ (PC & Mac)
User Guide (in PDF format)

USB Cable   Carrying Case   Wrist Strap

2 x AA-size
Batteries

• Attaching the Wrist Strap
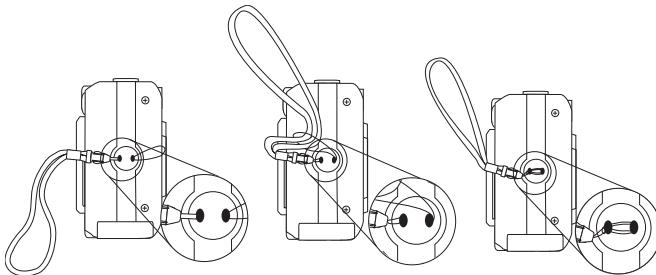
• Installing the Batteries

Two AA-size batteries are supplied with the product. For a detailed guideline on battery usage, please see "**Using Your Batteries**" on page 69.

1. Open the camera battery door by pushing it outwards as illustrated.
2. Insert the batteries as shown, ensuring you follow the +/- signs correctly.
3. Close the battery door by pressing it downwards and then sliding it towards the camera to lock.
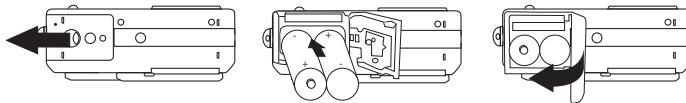
IMPORTANT NOTE:
For best performance and prolonged battery life, we recommend the use of AA lithium or rechargeable NiMH.

• Turning the Camera On and Off

Fully press the Power button until the LCD screen is on. The Power LED lights up and remains on while the camera is powered on. Press the Power button again to turn off the camera.
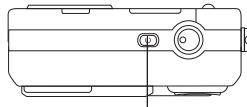
Power button

• Checking the Battery Level
Check the battery power level before taking pictures.

1. Turn on the camera.
2. Check the battery power level that appears on the LCD screen.

▥▥▥ Battery power is full.
▯▯ Battery power is adequate.
▭▯ Battery power is low.
▯▯ Battery power is exhausted.

• How to Navigate Menus
Menus are used to adjust capture and play settings, as well as other camera settings like the Date/Time and Auto Power Off. Press the Menu button to enter a menu bar and press it again to exit.

Press the ◀ and ▶ buttons to scroll left and right through the menu bar. Press the ▲ and ▼ buttons to scroll up and down through menu options. Press the OK button to enter a submenu or confirm your choice.

2 Camera Setting

• Checking Camera Status

Turn on the camera, view the camera LCD screen to check which camera settings are active. If the feature icon is not displayed, it means that particular feature is not activated.

White Balance
- 🅰 Auto
- ☀ Daylight
- ☁ Cloudy
- 💡 Tungsten
- 🎛 Fluorescent

Flash Mode
- ⑤ Flash Off
- 4A Auto Flash
- 👁 Red-eye reduction
- ↯ Forced On

Capture Mode
- 🗖 Still Image
- 🎥 Video

Locked File

Date

Digital Zoom Status

SD Card inserted

Focus Mode
- 🔺 Normal
- 🌷 Macro

Self-timer On

Image Resolution
2304 x 1728
2048 x 1536
1600 x 1200
640 x 480

Number of pictures can be taken

Battery Level
- 🔋 Full
- 🔋 Adequate
- 🔋 Low
- 🔋 Exhausted

Time

1600X1200
0012

26-09-03
X1.0   12:30

• Camera Mode

The camera has two working modes, Capture mode and Playback mode. You can switch between them by pressing the Capture/Playback mode button at the back of the camera.

Capture/Playback mode button
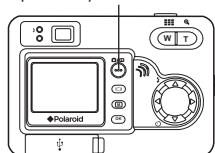
Capture mode
Under this mode, you can adjust the image and video settings according to the shooting environment, and take pictures and video clips under the settings you have selected. For more details, please refer to "Taking Pictures" on page 24 and "Recording Video Clips" on page 35.

Playback mode ▶
This mode allows the playback or deletion of pictures and video clips from the camera. For more details, please refer to "Reviewing and Managing Pictures and Video Clips" on page 38.

• Drive Mode

The camera has two modes for taking pictures and video clips.

　📷 Still Image Mode
　🎥 Video Mode

You may switch between these two modes according to the following steps.

1. Turn on the camera.
2. Set the camera to Still Image mode.

NOTE:

This setting is also available in Video mode.

• Setup Menu

Setup menu can be accessed in both Still Image and Video modes. Here we take Still Image mode for an example.

1. Turn on the camera.
2. Set the camera to Still Image mode.

• **Setting the Current Date and Time**

1. Turn on the camera.
2. Set the camera to Still Image mode.
3. Follow the guidelines in "Setup Menu" on page 12 to access the Setup menu.

Setting the date format:
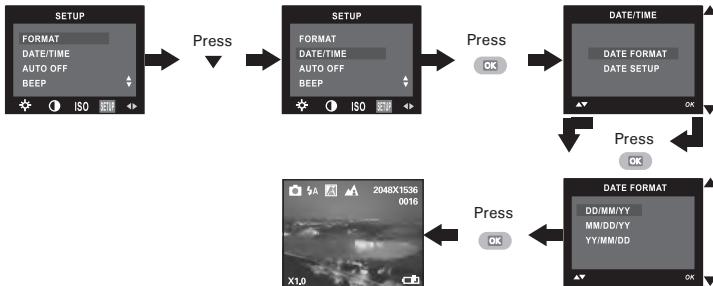
Setting the date and time:

Use the ◄ or ► buttons to select a field, such as year, month, day, hour, minute. Use the ▲ or ▼ buttons to adjust the value in the field. Press the OK button after all fields are set.

NOTE:
This setting is also available in Video mode.

• **Auto Power Save Settings**

The camera performs the following power save operations to conserve battery power.

1/3/5 minute(s): The camera is designed to switch off automatically to save battery life after the specified period of inactivity.

Off: The power save feature is not activated.

You can change the power save setting according to the following steps:
1. Turn on the camera.
2. Set the camera to Still Image mode.
3. Follow the guidelines in "Setup Menu" on page 12 to access the Setup menu.
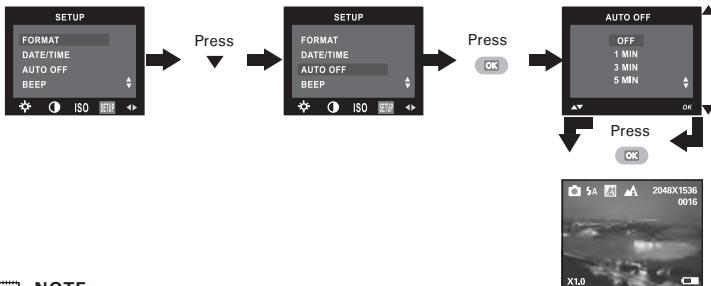
NOTE:
• Auto power off is automatically disabled under any one of the following conditions.
  - While an auto play is undergoing.
  - While the camera's USB port is connected to a computer or other external devices, or while the camera is being controlled by an external device.
• This setting is also available in Video mode.

• Setting the Beep Sound On/Off

You can turn the Beep sound on and off in Capture mode. When the Beep sound is turned on, the camera will beep when you press the buttons.

1. Turn on the camera.
2. Set the camera to Still Image mode.
3. Follow the guidelines in "Setup Menu" on page 12 to access the Setup menu.

SETUP
FORMAT
DATE/TIME
AUTO OFF
BEEP

Press ▼

SETUP
FORMAT
DATE/TIME
AUTO OFF
BEEP

Press **OK**

BEEP
ON
OFF

Press **OK**

2048X1536
0016

X1.0

📝 **NOTE:**
This setting is also available in Video mode.

• Setting Frequency

In order to take a better indoor picture, the camera needs to be set to suit the correct lighting frequency. Set the frequency to 60Hz for US and 50Hz for Europe.

1. Turn on the camera.
2. Set the camera to Still Image mode.
3. Follow the guidelines in "Setup Menu" on page 12 to access the Setup menu.

NOTE:
This setting is also available in Video mode.

• Setting Display Language
Under this setting, you can select the language you prefer for the LCD screen.
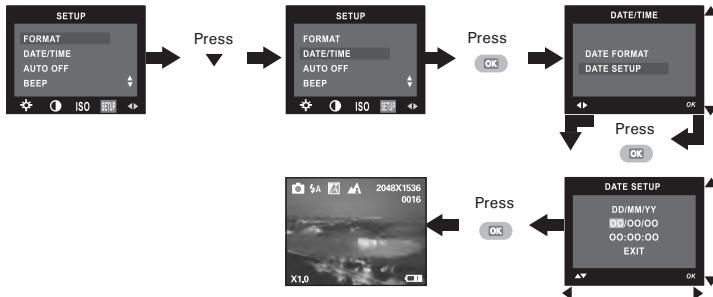
1. Turn on the camera.
2. Set the camera to Still Image mode.
3. Follow the guidelines in "Setup Menu" on page 12 to access the Setup menu.
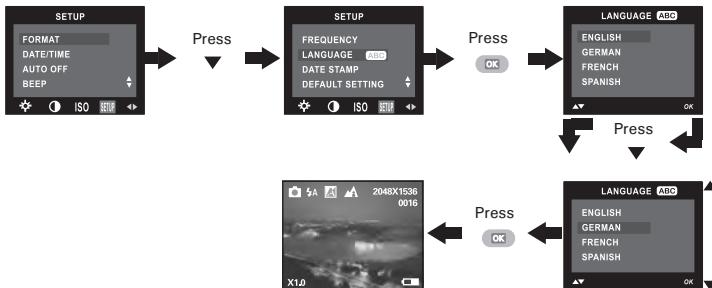
NOTE:

This setting is also available in Video mode.

• **Setting the Date Stamp On and Off**

Use the Date Stamp to imprint the date on your pictures and video clips.
Make sure the camera clock is set to the correct date before setting the
date stamp on.

1. Turn on the camera.
2. Set the camera to Still Image mode.
3. Follow the guidelines in "Setup Menu" on page 12 to access the
   Setup menu.
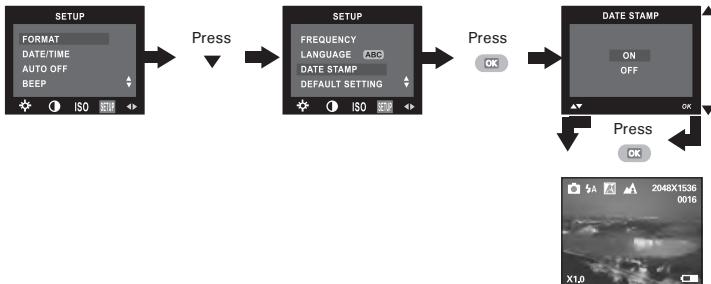
📝 **NOTE:**

This setting is also available in Video mode.

• Resetting to Default Settings

You can easily change all the settings you made back to the camera default settings by the following steps.

Please refer to "Camera Default Settings" on page 68 for more details.

1. Turn on the camera.
2. Set the camera to Still Image mode.
3. Follow the guidelines in "Setup Menu" on page 12 to access the Setup menu.
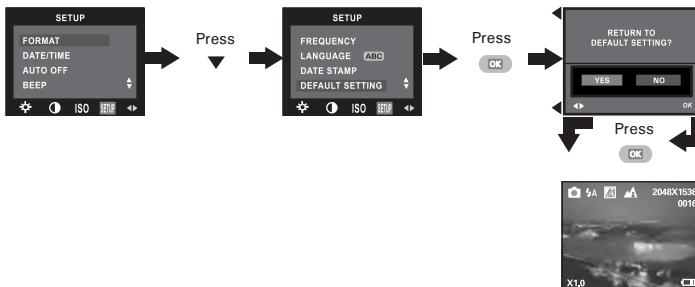
NOTE:
This setting is also available in Video mode.

• Formatting the Internal Memory
Formatting the internal memory deletes all data stored in it.

1. Turn on the camera.
2. Set the camera to Still Image mode.
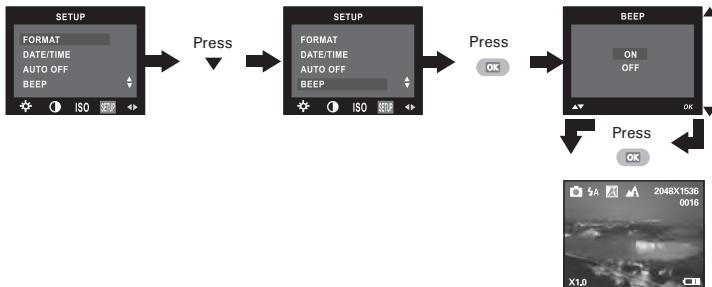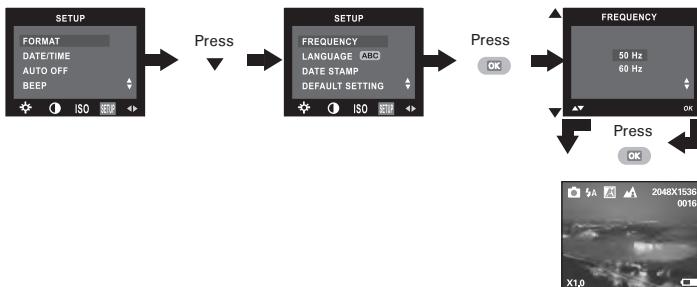3. Follow the guidelines in "Setup Menu" on page 12 to access the Setup menu.
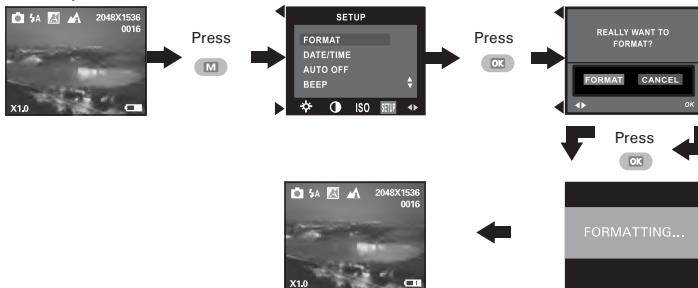
NOTE:
- Data deleted by a format operation cannot be recovered. Make sure you do not have any useful data currently stored in the internal memory before you format it.
- Formatting the internal memory destroys all the pictures, even those are protected.
- With a memory card inserted, the above operation would format the inserted memory card only. The internal memory will not be formatted with a memory card inserted.
- This setting is also available in Video mode.

• **Turning the Information Display and LCD Screen On/Off**

In the Capture mode, press the Display button once to show the information display with a histogram. Pressing the button again will turn off the information display on the LCD screen, with the picture left only. Pressing the button a third time will turn off the LCD screen. Pressing the button once again will turn on the LCD screen and the information display.
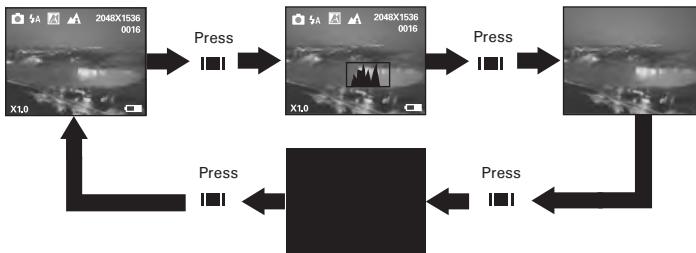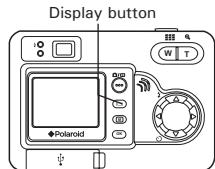
Display button

In the Playback mode, press the Display button once to show the information display with a histogram. Pressing the button again will turn off the information display on the LCD screen, with nine thumbnail picture and video clip files left only. Pressing the button a third time will show the picture or video clip file in full screen with the information display.
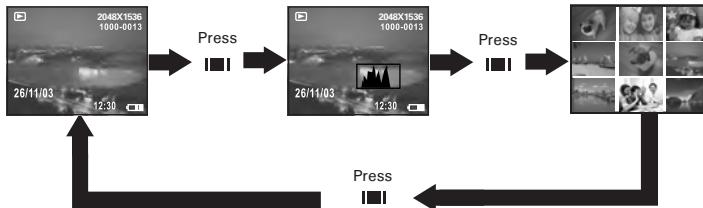
3 Taking Pictures

Before you take pictures, please read this note first:

📰 **IMPORTANT**!
Never remove batteries while a picture is being saved. Doing so will prevent the current picture being saved and may corrupt other pictures already stored in the camera's internal memory or on a memory card.

Outdoor Pictures Without the Flash

- Avoid intense sunlight that may cause sun spots in pictures.
- Always make sure that the sun or other light source is in front of the subject.

• Taking Pictures in the Normal Mode

Taking pictures at approximately 3.2 feet to infinity (1.0 meter to infinity).

1. Turn on the camera.
2. Set the camera to Still Image mode.
3. Slide the Normal/Macro mode switch to ▲ to activate the Normal mode. The image displayed on the LCD screen will change accordingly.
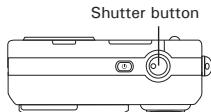
Shutter button

📰 **NOTE**:
The ▲ icon will appear on the LCD screen, indicating the Normal mode is activated.

4. Frame your subject using the LCD screen or the viewfinder.
5. Press the Shutter button completely down to take a picture while holding the camera steady. A beep will sound (if the Beep sound is turned on) when a picture is taken.

• Taking Macro Pictures

Use the Macro mode to capture subjects close to the camera lens at the distance of 7.9 inches (20 centimeters).

1. Turn on the camera.
2. Set the camera to Still Image mode.
3. Slide the Normal/Macro mode switch to ♥ to activate the Macro mode. The image displayed on the LCD screen will change accordingly.

📋 **NOTE:**
The ♥ icon will appear on the LCD screen, indicating the Macro mode is activated.

4. Frame your subject using the LCD screen or the viewfinder.
5. Press the Shutter button completely down to take a picture while holding the camera steady. A beep will sound (if the Beep sound is turned on) when a picture is taken.

• Setting Flash Mode

1. Turn on the camera.
2. Set the camera to Still Image mode.
3. Press the Flash button to cycle through the flash settings and select the one you need.

When you press the Flash button, the Flash Charge LED will blink, which indicates the flash is charging. The icon (according to the flash setting you selected) will appear on the LCD screen. You can now take pictures using the Flash mode you selected. The flash will recharge after each flashed picture.

The flash range is approximately 3 feet to 8 feet (0.9 to 2.4 meters).
The camera has four flash modes (default setting is Auto Flash). Use the flash when you take pictures at night, indoors, or outdoors in heavy shadows.

- ⚡ Flash Off Mode. The flash does not fire. Use this setting for outdoor pictures or where flash is prohibited or may be distracting. Also use when shooting towards a reflective surface, such as a window or a mirror. If the brightness of the environment is not enough when using this setting, your pictures will be too dark.
- ⚡A Auto Flash Mode. The flash fires automatically as needed. Use this setting to take most pictures.
- ⊙ Red-eye Reduction Mode. Use this setting to avoid red glare in your subject's eyes. The camera fires a brief, preflash flash before the regular flash.
- ⚡ Forced On Mode. The flash fires for every picture. Use this setting in high-contrast situations to provide fill-light or use it indoors with low light.

NOTE:
- Flash modes are not available in Video mode.
- Never touch or block the flash with your fingers. Doing so can soil these components and interfere with the correct flash operation.

• Setting Self-timer

Your camera is designed with a self-timer function, which allows you to take pictures with a 10-second built-in timer.

1. Turn on the camera.
2. Set the camera to Still Image mode.
3. Press the Self-timer button to activate the self-timer function.
4. The icon ⟳ will appear on the LCD screen.

   ⟳ 10-second Self-timer indicates a countdown of ten seconds.

📑 **NOTE:**
Press the Self-timer button again to disable the self-timer function and the "SELF TIMER OFF" indicator will be shown on the LCD screen for a while.

5. Frame your subject using the LCD screen or the viewfinder.
6. Press the Shutter button to take a picture. The camera beeps (if the beep sound is turned on) and the Self-timer LED blinks slowly for 9 seconds, then quickly for 1 seconds before the picture is taken.

📑 **NOTE:**
Place the camera on a flat surface or use a tripod when using the self-timer function.

• Zoom Feature

Your camera is designed with 4X digital Zoom. This feature lets you zoom in on the central area of a photo and photograph only the enlarged portion of the picture.

1. Turn on the camera.
2. Set the camera to Still Image or Video mode.
3. Press the Zoom In (Telephoto) or Zoom Out (Wide) button to zoom in or zoom out the subject image. The zoom status is shown on the LCD screen.
4. Now you can takes pictures and review them under the zoom setting. The zoom setting will remain after taking pictures. If you want to take a normal size picture, please use the Zoom Out button.

For digital zoom feature, the viewfinder may not reflect the actual image taken. We recommend the user to use the LCD screen to monitor the zoom feature.

NOTE:
• You may notice a decrease in image quality when using the digital zoom.
• Zoom feature is not available Macro mode or while recording a video clip.

• **Setting the Image Size and Quality**

Picture resolution refers to the number of pixels in a digital picture. Picture quality depends on the JPEG file compression that the camera applies when the picture is taken. Higher resolution and less compression produces better quality but occupies more memory space. Smaller size pictures and normal quality are easier to email while larger size and fine quality are better for printing.

Image Size Setting

1. Turn on the camera.
2. Set the camera to Still Image mode.
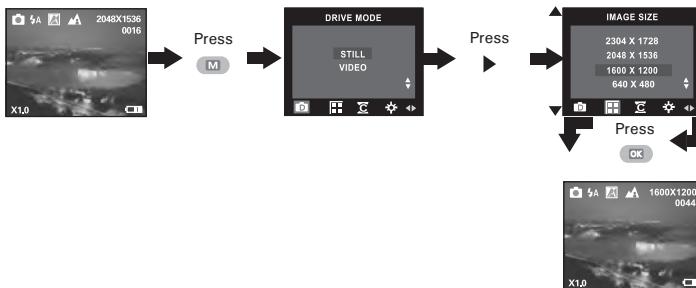
Quality Setting:
1. Turn on the camera.
2. Set the camera to Still Image mode.

Press **M**

DRIVE MODE

STILL
VIDEO

Press ▶

QUALITY

HIGH
NORMAL
LOW

Press **OK**
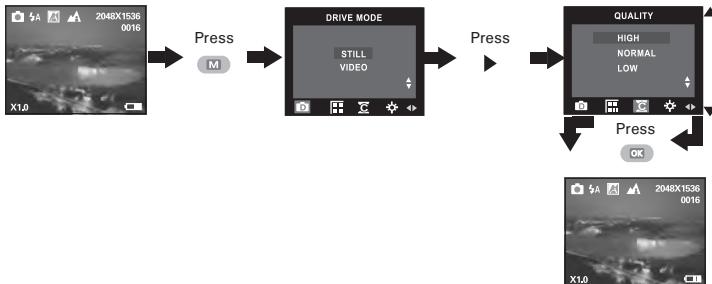
The chart below indicates the approximate numbers of pictures you can expect the camera to hold at each setting based on the 16MB internal memory. You can expand the memory with SD card, please refer to **Capacity of SD Card** on page 65 for further details.

Quality Resolution	High	Normal	Low
2304 X 1728	7 pictures	10 pictures	16 pictures
2048 X 1536	10 pictures	16 pictures	22 pictures
1600 X 1200	18 pictures	24 pictures	35 pictures
640 X 480	62 pictures	88 pictures	135 pictures

NOTE:
- Scene complexity affects a picture's file size. For example, a picture of trees in autumn has a larger file size than a picture of blue sky at the same resolution and quality setting. Therefore, the number of pictures you can store on the camera internal memory may vary. The number of pictures on the LCD screen is for reference only.
- It is recommended to use the 2304 X 1728 resolution for printing.

• Setting Exposure Compensation

You can adjust the exposure compensation value (EV) within the range of -1.5EV to +1.5EV in order to compensate for current lighting conditions. This setting can be used to obtain better result when shooting with backlighting, indirect indoor lighting, a dark background, etc.

1. Turn on the camera.
2. Set the camera to Still Image mode.
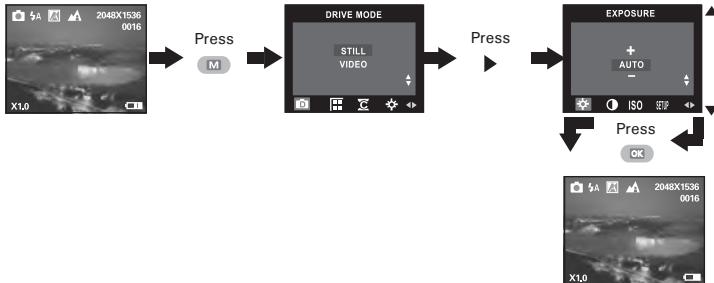
NOTE:
• A higher EV value is best used for light-colored subjects and backlit subjects. A lower EV value is best for dark-colored subjects and for shooting outdoors on a clear day.
• When shooting under very dark or very bright conditions, you may not be able to obtain satisfactory results even after performing exposure compensation.
• Exposure compensation resets to "Auto" whenever the power is turned off.

• Setting the White Balance for Pictures

Selecting the right type of white balance can help to make the color of a subject in a picture appear more natural under the type of lighting that is available.

1. Turn on the camera.
2. Set the camera to Still Image mode.
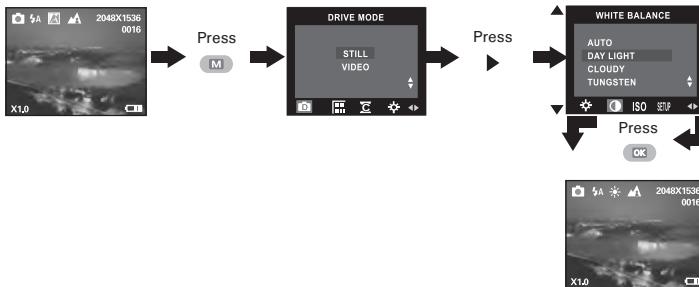
When shooting under these conditions:	Select this setting
Automatic adjustment	🇦
Outdoor daylight	☼
Cloudy	☁
Indoors, illuminated by tungsten lighting	♀
Indoors, illuminated by fluorescent lighting	≒

• Changing the ISO Speed

This function enables you to change the camera's sensitivity to light by selecting different ISO values. ISO is a measure of how quickly your camera reacts to light. The higher the ISO value, the less the light needed to make an exposure, allowing the same exposure to be achieved with higher shutter speeds or smaller apertures. In a digital camera, higher ISO value allows higher shutter speed, at the expense of mottled or grain appearing in the final picture.

1. Turn on the camera.
2. Set the camera to Still Image mode.
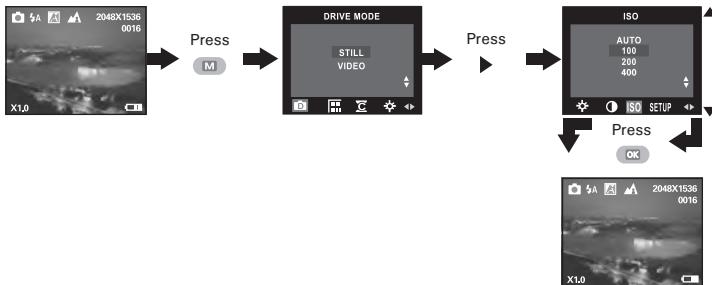
Auto:　　　　The camera's sensitivity is automatically detected by different lighting value or subject brightness.

100/200/400: In the same lighting condition, higher the ISO value it is, faster the shutter speed it will be.

NOTE:
ISO speed resets to auto whenever the power is turned off.

4 Recording Video Clips

• Recording Video Clips

Use the Video mode to record video clips with audio. The recording time displayed on the LCD screen will decrease and the ● icon will blink while recording.

1. Turn on the camera.
2. Set the camera to Video mode.
3. Frame your subject using the LCD screen.
4. Press the Shutter button completely down to start recording.
5. Press the Shutter button again to stop recording, or recording stops when the current memory is full.

• Setting Video Resolution

Video resolution refers to the number of pixels in a digital video clip. Video clip quality depends on the file resolution that the camera applies when the video clip is recorded. Higher resolution makes better quality which occupies more memory space.

1. Turn on the camera.
2. Set the camera to Video mode.

Here are the approximate length of video clips you can expect the camera to hold at each setting based on the 16MB internal memory. You can expand the memory with a SD card.

Resolution: 640 X 480   Approx. 1 minute (10 fps)
Resolution: 320 X 240   Approx. 2 minutes (15 fps)

• Setting the White Balance for Video Clips

Selecting the right type of white balance can help to make the color of a subject in the video clip appear more natural under the type of lighting that is available.

1. Turn on the camera.
2. Set the camera to Video mode.

When shooting under these conditions:	Select this setting
Automatic adjustment	Ⓐ
Outdoor daylight	☼
Cloudy	☁
Indoors, illuminated by tungsten lighting	♉
Indoors, illuminated by fluorescent lighting	⚊

5 Reviewing and Managing Pictures and Video Clips

• Reviewing Pictures on the LCD Screen

1. Turn on the camera.
2. Set the camera to Playback mode.
3. Press Left/Right button to view the pictures taken.

The ▶ icon is shown on the LCD screen when a picture is selected.

The currently displayed picture can be magnified up to 4 times using the Zoom In button. Press the Zoom Out button to view the picture in the original size.

• Reviewing Picture and Video Clip Files in Thumbnail

You can view up to 9 picture and video clip files at a time on the LCD screen by using the Thumbnail function.

1. Turn on the camera.
2. Set the camera to Playback mode.
3. Press the Thumbnail button. Up to nine thumbnail files will be shown on the LCD screen and the latest reviewed picture will be highlighted.

Use the Up, Down, Left and Right buttons to select a thumbnail file and view it in full screen by pressing the Zoom In button again.

Zoom In button
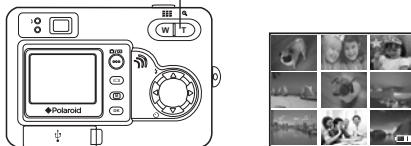
• Auto Play

The Auto Play function enables you to view all the picture and video clip files stored in the camera one by one forward or backward on the LCD screen.

You can activate the Auto Play function and make Auto Play direction and interval according to the following steps:

1. Turn on the camera.
2. Set the camera to Playback mode.
3. Press the Menu button and then press the Right button to select the "AUTO PLAY" option.

Set Auto Play Direction
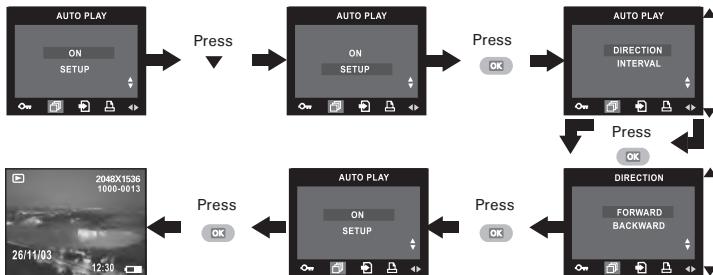
Press the Up or Down button to choose the direction in which the camera will automatically run, and then press OK button to confirm your choice.

Set Auto Play Interval
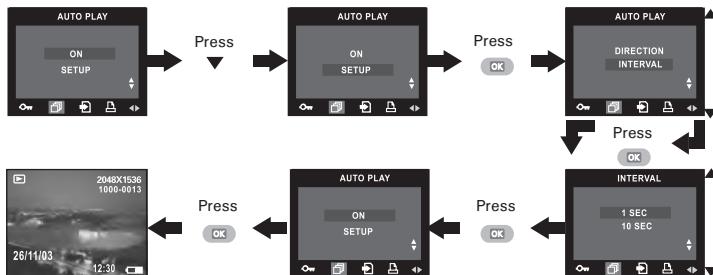
Start Auto Play
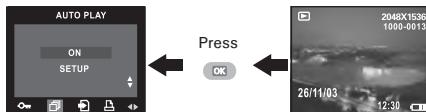
The camera will automatically run from the first file or from the last file stored. Every file will display for the specified period according to your interval setting. You can press Left/Right button to manually skip backward or forward. You may press OK button to pause or press the Menu button to stop the auto play. The auto play will keep running as long as there is power.

• Playing the Video Clip

1. Turn on the camera.
2. Set the camera to Playback mode.
3. Use Left/Right button to select the video clip you want to play.
4. Press OK button to start playing video clip. Press it again to pause.
5. Press Menu button to stop.

The ▭ icon is shown on LCD screen when a video clip is selected.

• Protect or Unprotect One Picture or Video Clip

1. Turn on the camera.
2. Set the camera to Playback mode.
3. Use the Left/Right buttons to select the picture or video clip you want to protect.
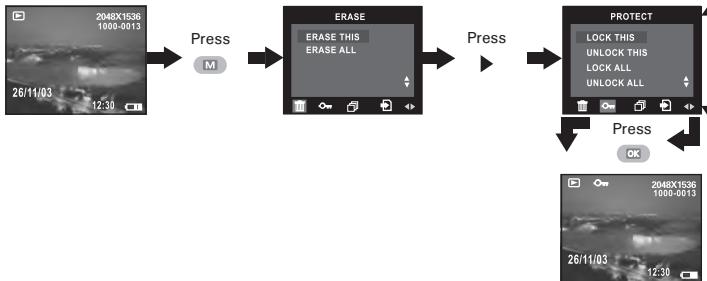
The **Oⁿ** icon appears on the information display when you review the protection status of the protected picture/video clip.

To unprotect the protected picture or video clip, please repeat the above operation and choose "UNLOCK THIS". The **Oⁿ** icon will disappear from the LCD screen.

• **Protect or Unprotect All Pictures and Video Clips**
1. Turn on the camera.
2. Set the camera to Playback mode.
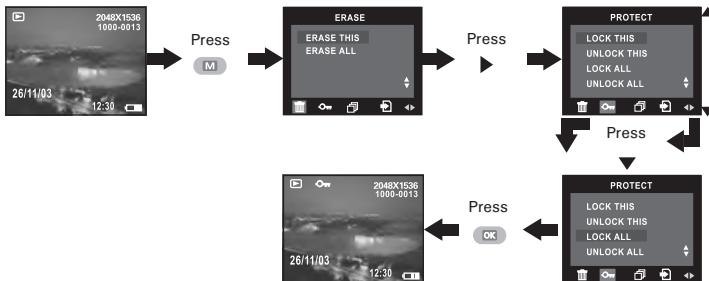
To unprotect all protected pictures and video clips, please repeat the above operation and choose "UNLOCK ALL". The ⚿ icon will disappear from the LCD screen.

• **Deleting One Picture or Video Clip**
1. Turn on the camera.
2. Set the camera to Playback mode.
3. Use the Left/Right button to select the picture or video clip you want to delete.
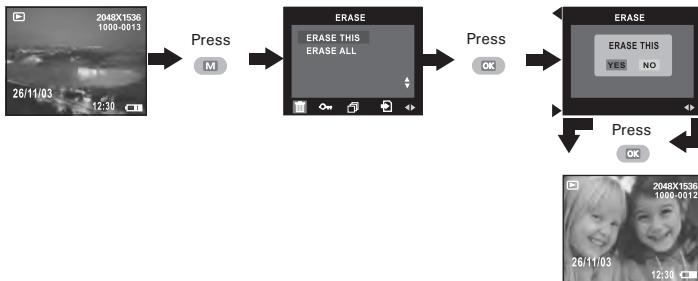
You can cancel the deletion by choosing "NO".

📋 **NOTE:**
Protected file can not be deleted. Remove protection before deleting.

• **Deleting All Pictures and Video Clips**

1. Turn on the camera.
2. Set the camera to Playback mode.
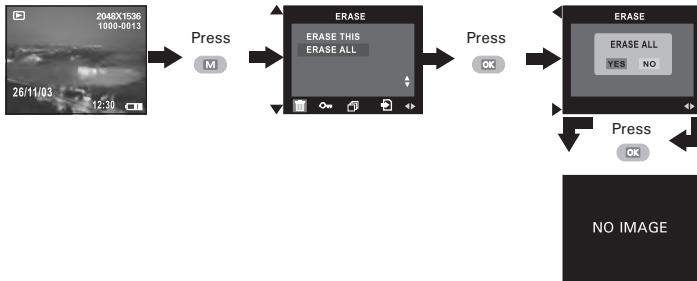
You can cancel the deletion by choosing "NO".

NOTE:
- Protected files can not be deleted. Remove protection before deleting.
- All deleted picture and video clips can not be recovered.

6 Using the SD (Secure Digital) Card

• Using the SD card
Your camera comes with a 16MB built-in flash memory for storing pictures and video clips. You can expand the memory using a commercially available SD card (up to 1 GB). The camera senses whether a memory card is inserted, and automatically saves pictures and video clips accordingly. Note that you cannot save pictures or video clips to the built-in flash memory while a memory card is installed in the camera.

Memory Card Precautions
1. Use only an SD memory card with this camera. Proper operation is not guaranteed when any other type of card is used.
2. Electrostatic charge, electrical noise, and other phenomena can cause data corruption or even loss. Always make sure that you always back up important data on other media (MO disc, computer hard drive, etc.).
3. If a memory card starts to behave abnormally, you can restore normal operation by reformatting it. However, we recommend that you always take along more than one memory card whenever using the camera far away from the home or office.
4. We recommend that you format a memory card before using it for the first time after purchasing it, or whenever the card you are using seems to be the cause of abnormal pictures. Remember to format a memory card if it was used in another digital camera or other devices.

IMPORTANT!
- Make sure you turn off the camera before inserting or removing a memory card.
- Be sure to orient the card correctly when inserting it. Never try to force a memory card into the slot when you feel resistance.
- SD memory cards have a write protection switch that you can use to protect files from accidental deletion. However, you must remove the write protection whenever you want to record new files onto it, format it, or delete its files.
- **Files contained in the SD card recorded by other cameras may conflict with the PDC 4055 camera, and valuable data in your existing SD card may be distorted or lost when the card is inserted in the PDC 4055 camera. We strongly recommend the user to use a NEW or formatted SD card for the PDC 4055 camera. The manufacturer is not liable for losing or corrupting any valuable data or files in your SD card due to your improper operation.**

Inserting the SD Card
Turn off the camera and open the Battery/SD card door as illustrated. Insert the SD Card, ensure the card is inserted the correct position as illustrated, close the Battery/SD card cover before using the camera.

Notched corner of SD card
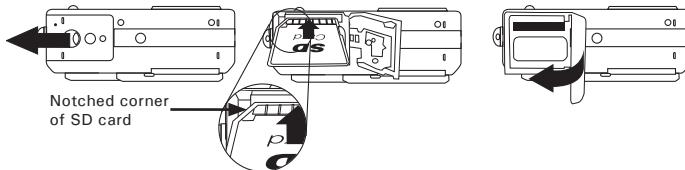
The 🗂 icon will appear on the LCD screen when a SD card is inserted into the camera.

Removing the SD Card
To remove the SD card, turn off the camera , open the Battery/SD card door, gently use your finger to push the SD card inwards and then release it for the SD card to bounce out of the SD card slot as illustrated.
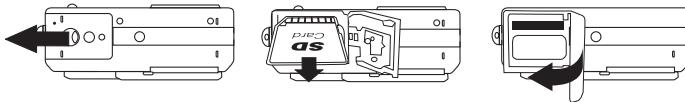
IMPORTANT!
• Never insert any other object into the camera's SD card slot. Doing so creates the risk of damage to the camera and card.
• Should water or any foreign objects ever get into the card slot, immediately turn off the camera, remove the batteries and contact your dealer or nearest service provider.
• Never remove a card from the camera while the camera is powered on. Doing so can cause the picture or video recording operation to fail, and even damage the memory card.

Formatting the SD Card

Formatting the SD card erases all files stored in it, including the protected ones. Removing the SD card during formatting may damage the card.

1. Turn on the camera.
2. Set the camera to Still Image mode.
3. Follow the guidelines in "Setup Menu" on page 12 to access the Setup menu.
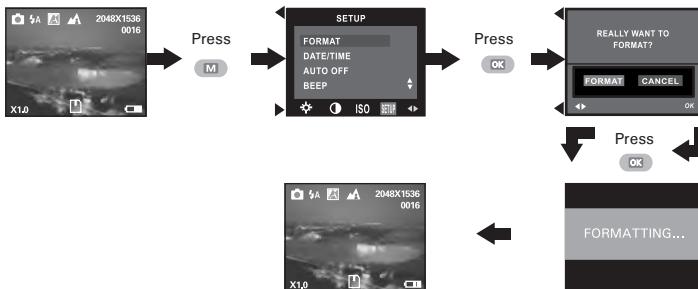
IMPORTANT!

- You can format a memory card on the camera or on a computer. However formatting a memory card on a computer takes much longer.
- Note that data deleted by a format operation cannot be recovered. Make sure you do not have any useful data currently stored on a memory card before you format it.
- Formatting a memory card destroys all the pictures, even those are protected.

• **To Copy Pictures and Video Clips from Internal Memory to a Memory Card**

Turn off your camera and insert a SD Card into the card slot.
Turn on the camera again. Set the camera to Playback mode.
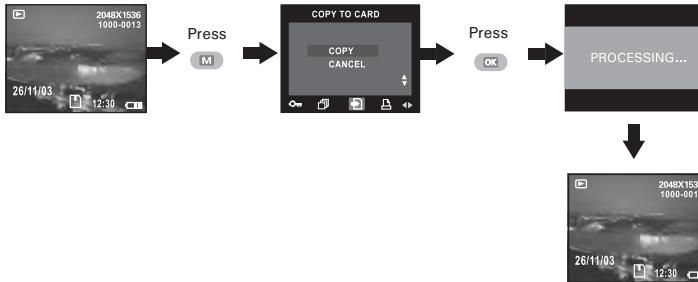
In the above operation, you can exit to the normal Playback mode by choosing "CANCEL" and confirm it. Please note that you cannot copy pictures or video clips from a memory card to the internal memory.

• To Print Selected Picture

1. Turn on the camera.
2. Set the camera to Playback mode.
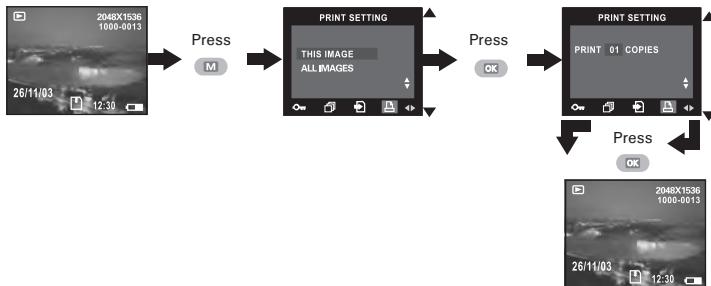
THIS IMAGE: The selected picture in the internal memory or a memory card will be printed out up to 50 copies

ALL IMAGES: All pictures in the internal memory or a memory card will be printed out up to 50 copies for each picture.

To print a single picture, please use the Left or Right button to select the picture you want to print out before the above operation. Press the Up or Down button to select the number of printing copies. Press MENU button to exit to the normal playback mode.

NOTE:
You cannot select video clips.

• DPOF (Digital Print Order Format)

The letters "DPOF" stand for "Digital Print Order Format", which is a format for recording on a memory card or other medium which digital camera images should be printed and how many copies of the image should be printed. Then you can print on a DPOF-compatible printer or at a professional print service from the memory card in accordance with the file name and number of copies settings recorded on the card.

With this camera, you should always select images by viewing them on the LCD screen. Do not specify images by file name without viewing the file contents.
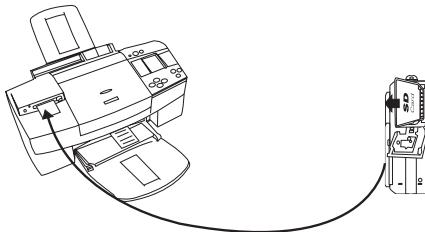
IMPORTANT!
DPOF print settings can be configured for images on a memory card only, not for images in the camera's built-in memory. To configure DPOF print settings for images in the camera memory, you need to copy the images to a memory card first.

7 Installing the Software Onto a Computer

• Installing the Software

For Windows® Users: `PC`

IMPORTANT!
- Please backup all the necessary data before any driver and software installation.
- The CD-ROM is tested and recommended to use under English Windows OS.

IMPORTANT! (For Windows® 98SE)
Windows® 98SE needs to install the PDC 4055 Camera Driver for Mass Storage function. After the installation, please restart the Windows before connecting the camera to the PC.

IMPORTANT! (For Windows® Me, 2000, XP)
Directly plug-in the camera to transfer and play the pictures and video clips. No need to install the camera driver.

1. Before you begin, close all other software applications open on your computer.
2. Insert the CD supplied into the computer CD-ROM Drive.
3. The CD User Interface Screen will automatically launch.
4. With the mouse, click on each software interface button in turn and follow the on screen instructions.

NOTE:
If the setup screen does not appear after loading the CD, then you can manually start it by double clicking the "My Computer" icon on your desktop, then double clicking the icon for the CD-ROM drive. When the CD-ROM window opens, double click the "INSTALL-E.EXE" icon.

52

Polaroid PDC 4055 Digital Camera User Guide
www.polaroid.com
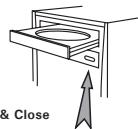
1. Before you begin, close all other software applications opened on your computer.
2. Insert the CD supplied into the computer CD-ROM Drive.
3. Double click the CD-ROM icon "Polaroid".
4. Install the software included.

📄 **IMPORTANT**!
The video clip taken by the camera is in avi format. Please go to http://www.microsoft.com/windows/windowsmedia/players.aspx to download the Windows Media Player to play the video clips.

• Software Included with Your Camera
PDC 4055 Camera Driver *Plug & Play removable disk*
Easy to use, just plug the camera to a computer and use it as a removable disk. Use the Arcsoft PhotoImpression® 5 to edit and print the Pictures.

Adobe® Acrobat® Reader™ *.PDF File Reading Software*
Adobe® Acrobat® Reader™ lets you view and print Adobe Portable Document format (PDF) files on all major computer platforms, as well as fill in and submit Adobe PDF forms online.

ArcSoft PhotoImpression® 5 *Picture Editing Software*
ArcSoft PhotoImpression® is an easy to use image-editing program. This program enables users to upload still image and movie clips stored in your camera. You could also edit and retouch your photos, then add special effects or place them in cards, calendars, frames and fantasy templates. ArcSoft PhotoImpression® also includes a wide variety of printing options.

• Computer System Requirements

For acceptable picture transferring and editing performance, we recommend the following minimum requirements;

For Windows® Users

PC

- Compatible with Microsoft® Windows® 98SE, Me, 2000 or XP
- Pentium® III 450MHz or equivalent processor
- 128MB RAM (512MB recommended)
- USB Port
- DirectX 9.0 or higher
- 500MB free disk space
- Color monitor with high color (16-bit) graphic capability or higher
- CD-ROM drive
- Standard mouse and keyboard
- Stereo speakers

For Macintosh® Users

MAC

- PowerPC® Processor
- Mac™ OS Version 9.2~X
- USB Port
- 96MB RAM (128MB recommended)
- 400MB Free disk space
- Color monitor with high color (16-bit) graphic capability or higher
- CD-ROM drive
- Standard mouse and keyboard
- Stereo speakers

8 Transferring Pictures and Video Clips to a Computer

• Before You Transfer Files

IMPORTANT!
BEFORE YOU CONNECT YOUR DIGITAL CAMERA TO THE COMPUTER, MAKE SURE THAT YOU HAVE INSTALLED THE SOFTWARE FROM THE ENCLOSED CD. PLEASE REFER TO "7 Installing the Software Onto a Computer".

• Connecting to Your Computer
Connecting with the USB Cable.
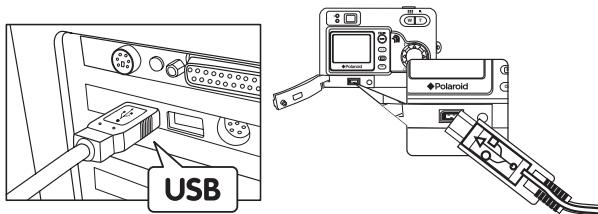
1. Turn on the camera.
2. Plug Series A of the USB cable into the ⟶⟵ marked socket on your computer.
3. Plug Series Mini B of the USB cable into the port on your camera.
4. Turn on the camera and an interface "New Hardware Found" will show on the computer desktop.
5. A removable disk drive will be installed onto your computer automatically.

• Transferring Pictures and Video Clips

For Windows® Users

`PC`

📋 **NOTE:**
You can transfer pictures and video clips in any mode.

1. Turn on the camera
2. Connect the camera to a computer via the USB cable.
3. Double click on "My Computer" on your PC desktop and you will see a "Removable Disk" drive.
4. Double click "Removable Disk" -> double click "DCIM"-> double click any directory folder under "DCIM".
5. All the pictures and video clips are in the directory folder. Highlight the pictures and video clips and drag them to a folder of your choice. You can also create sub-folders to group them or use the Arcsoft software to edit and manage the pictures or video clips.

For Macintosh® Users

`MAC`

📋 **NOTE:**
For MAC user, directly plug-in the camera and no need to install the driver.

1. Turn on the camera
2. Set the camera to Playback mode.
3. Connect the camera to a computer via the USB cable, the systems will automatically recognize the MASS STORAGE drive. (System will automatically create a Mass Storage named "Unlablled")

📋 **NOTE:**
This Drive name will vary from different version of MAC OS system.

4. Double click the folder "Unlablled" to enter sub-folder "DCIM".
5. Double click the folder "DCIM" and then any sub folder inside.
6. You can copy the pictures and video clips from this directory folder and paste to the hard disk.

• PhotoImpression® 5 Hot Plug Function (PC Only)

PhotoImpression® 5 will detect the connection between the camera and the computer automatically.

When connect the camera to the computer, PhotoImpression® 5 will launch on your desktop automatically.

PhotoImpression® 5 will detect any new photos in the camera.
Click "OK" button to start the copying new photos to the computer.

You can select the destination which the photos are copied to.
Click the "folder" icon - >Browse for folder - > Click the "OK" button to confirm.
Click "OK" to start copying.
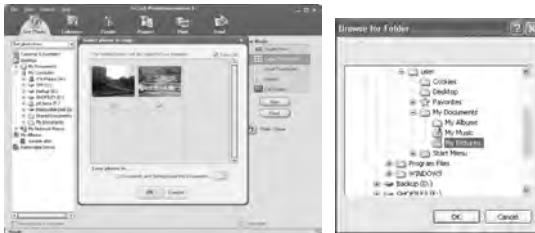
The photos have been copy to the computer successfully. You can start to use the PhotoImpression® 5 to edit the photos.

9 Troubleshooting Problems

• Troubleshooting

The troubleshooting guide is designed to help you. If problems continue, please contact customer support. Details are provided under "Getting Help".

Symptom	Problem	Solution
I receive an error message when I am installing "Polaroid PDC 4055 Camera Driver".	"Polaroid PDC 4055 Camera Driver" does not load.	Shut down all other applications and attempt to reinstall the driver.
		Check to see if the USB controller in your BIOS if it is activated. Please refer to Polaroid website for how to active USB controller in BIOS
I cannot upload images to my computer.	Connection failure.	Check all cable connections are secured.
	Camera Driver is not installed.	You need to install the camera driver for Windows 98SE systems.
I cannot run the "Polaroid PDC 4055 Camera Driver".	Conflict with another camera driver or capture device.	If you have another camera installed on your computer, remove it and it's driver completely from your system to avoid conflicting with your PDC 4055
My CD Installation wizard does not work.	The auto installation file is switched off or the CD-ROM is disconnected.	Go to the computer desktop. Right click on "My Computer". Click "Properties". Select "Device Manager". Double click on "CD_ROM", double click on "CD-R (normally the manufacturer's name. Click on "Settings". Ensure both "Auto insert notification" and the "disconnect" are ticked. If you change the settings the computer will ask you to restart your PC. Click "Yes".
I get a blurred image when uploading my images to my computer.	There may be a momentary delay between pressing the Shutter button and the actual exposure.	Hold your PDC 4055 camera steady until you hear a beep which indicates the exposure is completed.
My PDC 4055 camera hanged and all buttons do not work.	Your camera may be affected by the electrostatic discharge.	Take out the batteries and disconnect the camera from the computer for 10 seconds. Insert the battery again.

Symptom	Problem	Solution
I cannot activate my Digital Camera by pressing the Power button.	Insufficient battery power or batteries are missing.	Replace batteries.
Camera does not turn on.	Batteries are not oriented correctly Or Batteries are dead	Orient batteries correctly Or Replace batteries
Camera suddenly powers off.	Auto Power Function activated Or Batteries are dead.	Turn the camera on Or Replace batteries.
Image is not recorded when the shutter button is pressed.	Camera is turned off Or Flash unit is charging Or Memory is full.	Turn the camera on Or Wait until flash unit charging finishes Or Delete images you no longer need, or use another memory card.
Camera powers off during self-timer countdown.	Batteries are dead.	Replace batteries.
LCD screen image is out of focus.	Macro Mode being used for scenery or portraits Or Normal focus being used for macro images.	Use normal focus for scenery and portraits Or Use Macro mode for macro images.
Recorded pictures are not saved in memory.	Camera powers off before the save operation is complete Or Removing the memory card before the save operation is complete.	If the battery indicator is on the LCD screen, replace batteries with a full set of new ones as soon as possible Or Do not remove the memory card before the save operation is complete.

Symptom	Problem	Solution
Color of the playback pictures is different from the picture on the LCD screen during recording.	Sunlight or light from another source is shining directly into the lens during recording.	Position the camera so that sunlight does not shine directly onto the lens.
Pictures are not displayed.	A memory card with non-DCF pictures recorded with another camera is loaded in the camera.	This camera cannot display non-DCF pictures recorded onto a memory card used by another digital camera.
I cannot erase pictures.	All the pictures in memory are protected.	Unprotected the pictures you want to delete.
AVI file cannot be played.	DirectX version is lower than 9.0. Or Windows Media player not installed in the computer	Install directx 9.0 or above. Visit http://www.microsoft.com/directx for more detail. Or Please go to http://www.microsoft.com/windows/windowsmedia/players.aspx to download the Windows Media Player to play the video clips.
The camera is detected by the Windows and works properly. But a driver letter of the Removable disk is not created.	The removable disk crashes with the network drives.	Disconnect the crashed network drive and reserve this drive letter for the camera.

Please also refer to the help files & User Guides that accompany the enclosed applications.
For further information and support, please visit our website:
http://www.polaroid.com

10 Getting Help

• **Polaroid Online Services**
Website: http://www.polaroid.com

• **Customer Support**

Questions? Need Help? Call us at 1-877-388-3779 (USA), 001-866-722-0866 (Mexico), 1-888-235-0808 (Canada). Monday thru Friday, 10 am-7 pm EST and Sat 10 am-4 pm EST Or visit us at http://www.polaroid.com

• **ArcSoft Software Help**

For North America
ArcSoft HQ Support Center
(Fremont California, CA)
Tel: 1-800-762-8657 (toll free number)
Fax: 1-510-440-1270
E-mail: support@arcsoft.com

For South & Central America
Tel: 1-510-979+5520
Fax: 1-510-440-1270
E-mail:latlnsupport@arcsoft.com

For China
ArcSoft China Support Center (Beijing)
Tel: 8610-6849-1368
Fax: 8610-6849-1367
E-mail: china@arcsoft.com

For Japan
ArcSoft Japan Support Center (Tokyo)
Tel: +81-03-3834-5256
Fax: +81-03-5816-4730
Web: http://www.mds2000.co.jp/arcsoft
E-mail: japan@arcsoft.com and
    support@mds2000.com

For Oceania
ArcSoft Australian Support Center
(Baulkham Hills, New South Wales)
Tel: 61 (2) 9899-5888
Fax: 61 (2) 9899-5728
E-mail: support@supportgroup.com.au

**For Europe/Middle East/
Africa & Rest of the World**
ArcSoft Europe Support Center
(Ireland)
Tel: +353-(0) 61-702087
Fax: +353-(0) 61-702001
E-mail: europe@arcsoft.com

Visit http://www.arcsoft.com for technical support and frequently asked questions (FAQ's).

11 Appendix

• Technical Specifications

Picture Resolution	• Sensor: - 1/2.5 inch - 4.2 Mega Pixel CCD • Resolution & Storable Images (based on 16 MB internal memory)			
	Resolution \ **Quality**	**High**	**Normal**	**Low**
	2304 X 1728	7 pictures	10 pictures	16 pictures
	2048 X 1536	10 pictures	16 pictures	22 pictures
	1600 X 1200	18 pictures	24 pictures	35 pictures
	640 X 480	62 pictures	88 pictures	135 pictures
Lens	• Type: 6 elements • Aperture: F 3.0/8.0 • Focal Length: 7.27 mm • Focal Distance - Normal Focus: 3.2 ft to ∞ (1 m to ∞) - Macro Focus: 7.9 in. (20 cm) - (The focusing range is the distance from the lens surface to the subject.) • Focus Zones: center-zone			
LCD Screen	1.5" TFT color panel			

Built-in Flash	• Modes - Auto Flash, Red-eye Reduction, Forced On, Flash Off • Range: 3 to 8 ft (0.9 to 2.4 m)
Exposure Control	-/+1.5 EV in 0.3 increments
ISO Speed	Auto, 100, 200, 400
Shutter Speed	Mechanical shutter 1/500 sec ~ 1/6 sec
White Balance	Auto, Daylight, Cloudy, Tungsten, Fluorescent
Storage	• Internal Memory: 16 MB Nand Flash • External Memory - supports SD card up to 1 GB (not included)
File Format	• Still Image - EXIF 2.2 compatible format (JPEG compression) • Video Clip: AVI format
Power Supply	2 x AA-size batteries (included)
Self-timer	10 seconds with beep sound
Tripod Socket	Yes
Connectivity	With computer via USB cable (included)
Dimension	• Size: (W) 95 mm x (D) 32 mm x (H) 65 mm • Weight: Approximately 130g excluding batteries or card

PDC 4055 TL UM US Mar17.indd 64   3/20/06, 10:03

• Capacity of SD Card

SD Card		High Quality	Normal Quality	Low Quality
32MB	**2304X1728**	21	28	40
	2048X1536	29	42	58
	1600X1200	45	62	88
	640X480	165	220	330
64MB	**2304X1728**	42	56	80
	2048X1536	58	84	116
	1600X1200	90	124	176
	640X480	330	440	660
128MB	**2304X1728**	84	112	160
	2048X1536	116	168	232
	1600X1200	180	248	352
	640X480	660	880	1320
256MB	**2304X1728**	168	224	320
	2048X1536	232	336	464
	1600X1200	360	496	704
	640X480	1320	1760	2640
512MB	**2304X1728**	336	448	640
	2048X1536	464	672	928
	1600X1200	720	992	1408
	640X480	2640	3520	5280
1 GB	**2304X1728**	672	896	1280
	2048X1536	928	1344	1856
	1600X1200	1440	1984	2816
	640X480	5280	7040	10560

SD Card		Video Clips can be taken (Seconds)
16MB	640X480	47
	320X240	80
32MB	640X480	120
	320X240	200
64MB	640X480	240
	320X240	400
128MB	640X480	480
	320X240	800
256MB	640X480	960
	320X240	1600
512MB	640X480	1920
	320X240	3200
1 GB	640X480	3840
	320X240	6400

NOTE:
Scene complexity affects a picture's file size. For example, a picture of trees in autumn has a larger file size than a picture of blue sky at the same resolution and quality setting. Therefore, the number of pictures and length of video clips you can store on a memory card may vary.

• Uninstalling Polaroid PDC 4055 driver (PC Only)
For Windows® 98SE Users:

<div style="text-align: right;">`PC`</div>

NOTE:
The following driver uninstall procedure is for Windows 98SE users only because only Windows 98SE needs to install the PDC 4055 driver.

1. Open Add/Remove Program Properties in Control Panel and select "Polaroid digital Cam" program, then click Add/Remove .
2. The following dialog box appears, click "OK" to confirm removing the camera driver.
3. The uninstallation program runs automatically, please restart your computer when it is finished.
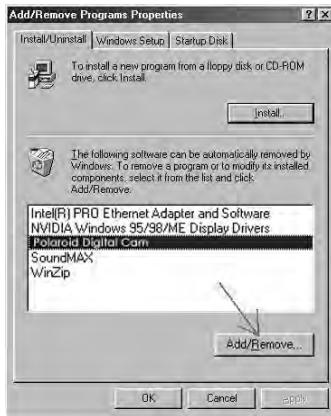
• Camera Default Settings

Camera Mode	Description	Default
Still Image Mode	Image Resolution	2304 x 1728
	Quality	High
	Exposure Compensation	Auto
	White Balance for Pictures	Auto
	ISO Sensitivity	Auto
	Flash Mode	Auto Flash
Video Mode	Video Resolution	640 x 480
	White Balance for Video Clips	Auto
Setup Mode	Date Format	DD/MM/YY
	Auto Power Off	3 minutes
	Beep	On
	Frequency	50 Hz
	Language	English
	Date Stamp	Off

• Using Your Batteries
📖 **IMPORTANT NOTE:**
For best performance and prolonged battery life, we recommend the use of AA lithium or rechargeable NiMH.

Limit the following activities that reduces battery life:
• Reviewing your pictures on the LCD screen.
• Using the LCD screen to take pictures (Use the optical viewfinder to frame pictures).
• Excessive use of the flash.

WARNING!
• Batteries should be replaced by an adult.
• Do not mix different types of batteries (or new and used batteries).
• Use recommended or equivalent type of batteries only.
• Insert the batteries in the correct polarity.
• Remove exhausted batteries from the camera immediately.
• Do not short the supply terminals.
• Do not dispose the batteries in fire.
• Remove batteries from the camera when not in use.

These instructions should be retained for future reference.

• **Tips, Your Safety & Maintenance**
Your Camera should only be operated within the following environmental conditions;
- 32 - 104º Fahrenheit; 0 - 40º Celsius
- 20% - 85% relative humidity, non condensing

Battery life or image quality may be affected outside these conditions.

⚠ **Camera Cautions**
- NEVER immerse any part of the Camera or its accessories into any fluid or liquid.
- ALWAYS disconnect the Camera from your PC or TV before cleaning it.
- ALWAYS remove dust or stains with a soft cloth dampened with water or neutral detergent.
- NEVER place hot items on the surface of the Camera.
- NEVER attempt to open or disassemble Camera as this will affect any warranty claim.

• Regulatory Information
FCC Notice

This device complies with Part 15 of FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation.

Warning: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

• Reorient or relocate the receiving antenna.
• Increase the separation between the equipment and receiver.
• Connect the equipment into an outlet on a circuit different from that to which the receiver is needed.
• Consult the dealer or an experienced radio/TV technician for help.

Shielded cable must be used with this unit to ensure compliance with the Class B FCC limits.

Under the environment with electrostatic discharge, the product may malfunction and require user to reset the product.